#### Message

From: Zartarian, Valerie [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP

(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=81096FE8DD024BDF935DEC292BF44F9D-ZARTARIAN, VALERIE]

**Sent**: 5/3/2018 8:01:36 PM

To: Christian, Megan [/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=64a0f5e0e9d94271b23cad28db653851-Lizotte, Me]

CC: Flowers, Lynn [/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=1a4411c874d041b9a8badfc32b91bd70-Flowers, Lynn]; Hiscock, Michael

[/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=992b117a1981415689779a494e938f97-Hiscock, Michael]; Watkins, Tim

[/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=4cbd1c572f584fd7b0a3b5945f118558-Watkins, Tim]; Garland, Jay

[/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=8344688361ec4461b89037afbf43f5aa-Garland, Jay]; Guiseppi-Elie, Annette

[/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=63d3e2eaeb9c4acba2609baa90b0f735-Guiseppi-El]; Hauchman, Fred

[/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=f8bf9785f32048ccad5f60b25a72017d-Hauchman, Fred]; Rodan, Bruce

[/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=Rodan, Bruce]

Subject: FW: Review Requested (suspense: May 4, 2018) re: RSL values for lead in soil

Attachments: Pb\_Draft RSLchanges\_\_May3 2018\_ORD comments.docx

### Megan,

Per Jennifer's request, I'm attaching here ORD's comments regarding the request below for comments to be sent by COB tomorrow May 4 to Stiven Foster (<a href="mailto:foster.stiven@epa">foster.stiven@epa</a>), and copy James Woolford (<a href="mailto:Woolford.james@epa.gov">Woolford.james@epa.gov</a>), Reggie Cheatham (Cheatham.reggie@epa.gov) and Hayley Hughes (hughes.hayley@epa.gov).

### Ex. 5 Deliberative Process (DP)

Ex. 5 Deliberative Process (DP)

Please let us know if you

have any questions.

Thanks,

Valerie

From: Orme-Zavaleta, Jennifer

Sent: Monday, April 30, 2018 7:53 AM

To: Zartarian, Valerie <Zartarian.Valerie@epa.gov>

Cc: Garland, Jay <Garland.Jay@epa.gov>; Watkins, Tim <Watkins.Tim@epa.gov>; Rodan, Bruce <rodan.bruce@epa.gov>;

Christian, Megan < Christian. Megan@epa.gov>

Subject: FW: Review Requested (suspense: May 4, 2018) re: RSL values for lead in soil

See attached. Send Megan any cmts cob Thursday. thanks

Jennifer Orme-Zavaleta, PhD
Principal Deputy Assistant Administrator for Science

USEPA Office of Research and Development

DC: 2 RTP: Ex. 6 Personal Privacy (PP) 919-

orme-zavaleta.jennifer@epa.gov

From: Hughes, Hayley

Sent: Friday, April 27, 2018 11:44 AM

**To:** Bertrand, Charlotte < Bertrand. Charlotte@epa.gov>; Best-Wong, Benita < Best-Wong. Benita@epa.gov>; Bloom, David < Bloom. David@epa.gov>; Breen, Barry < Breen. Barry@epa.gov>; Fine, Steven < fine.steven@epa.gov>; Minoli, Kevin

< <u>Minoli.Kevin@epa.gov</u>>; Nishida, Jane < <u>Nishida.Jane@epa.gov</u>>; Orme-Zavaleta, Jennifer < <u>Orme-</u>

<u>Zavaleta.Jennifer@epa.gov</u>>; Robbins, Chris <<u>Robbins.Chris@epa.gov</u>>; Shaw, Betsy <<u>Shaw.Betsy@epa.gov</u>>; Sheehan,

Charles <<u>Sheehan.Charles@epa.gov</u>>; Showman, John <<u>Showman.John@epa.gov</u>>; Simon, Harvey

<<u>Simon.Harvey@epa.gov</u>>; Starfield, Lawrence <<u>Starfield.Lawrence@epa.gov</u>>; Vizian, Donna <<u>Vizian.Donna@epa.gov</u>>;

Wise, Louise < Wise, Louise@epa.gov>; Richardson, RobinH < Richardson.RobinH@epa.gov>; Grantham, Nancy < Grantham.Nancy@epa.gov>

**Cc:** Foster, Stiven < Foster. Stiven@epa.gov>; Cheatham, Reggie < cheatham.reggie@epa.gov>; Brooks, Becky < Brooks. Becky@epa.gov>

Subject: Review Requested (suspense: May 4, 2018) re: RSL values for lead in soil

Hello All,

As the new EPA National Lead Coordinator, I am requesting your review and comments on the attached pre-decisional document regarding Regional Screening Levels and Regional Removal Management Levels (RMLs).

# Ex. 5 Deliberative Process (DP)

Action Requested: Review and provide any comments by COB Friday, May 4, 2018 in an email to Stiven Foster (<a href="mailto:foster.stiven@epa">foster.stiven@epa</a>), and copy James Woolford (<a href="Woolford.james@epa.gov">Woolford.james@epa.gov</a>), Reggie Cheatham (<a href="mailto:Cheatham.reggie@epa.gov">Cheatham.reggie@epa.gov</a>) and me (<a href="mailto:hughes.hayley@epa.gov">hughes.hayley@epa.gov</a>).

#### **Background Information:**

The Regions and OLEM develop and maintain the Regional Screening Levels (RSLs) ((https://www.epa.gov/risk/regional-screening-levels-rsls) and Regional Removal Management Levels (RMLs) (https://www.epa.gov/risk/regional-removal-management-levels-chemicals-rmls), which are online tools for EPA to use in the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), also known as Superfund, remedial and removal programs, respectively. The RSLs are risk-based concentrations derived using standardized equations from Superfund guidance and available exposure and toxicity information. There are screening levels for different media, including soil, air, and tap water, as well as different types of exposures (e.g., residential, commercial/industrial). The Superfund remedial program uses RSLs to determine if levels of contamination are sufficient to warrant further investigation of a site. The RSLs derived with default assumptions are provided in tables, and regions can use the online calculator with available data to derive a more site-specific value. Regional removal programs use RMLs to support the decision for EPA to undertake a removal action. Both the RSL and RML tables are updated on a semi-annual basis to incorporate changes in the available information or add new information.

# Ex. 5 Deliberative Process (DP)

Thank you, Hayley Hayley Hughes, DrPH, MPH, CSP EPA National Lead Coordinator Office of the Administrator US Environmental Protection Agency

Desk: 202.564.1116

Email: <u>Hughes.hayley@epa.gov</u>